

IN THE CLAIMS:

Claims 1-58 have been cancelled without prejudice by previous amendment.

Please amend claims 59 and 80 and add new claims 86-91 as follows.

1-58. (Cancelled)

59. (Currently Amended) A communications system comprising:

a first interface establishing device (30; 31; 32) connected between said first network control device (20; 21) and a transmitting network (4); wherein

said first communication device (1) and said first network control device (20; 21) are connected such that a use signal (US) and a control signal (CS) are sent separately to said first network control device (20; 21);

~~said control signal (CS) represents a tone signal;~~

said first network control device (20; 21) and said first interface establishing device (30; 31; 32) are connected such that said use signal (US) and said control signal (CS) are sent separately to said first interface establishing device (30; 31; 32),

said first interface establishing device (30) is adapted to send said control signal (CS) over said transmitting network (4); and

a tone generation means(50c; 61a; 72a) is provided on the far-end side of the network for receiving said control signal after transmission through said transmitting network (4) and for generating ~~said~~ a tone signal in response to said control signal (CS).

60. (Previously Presented) A communication system according to claim 59, wherein

said first interface establishing device (30) comprises a compressing means (30a) for compressing said use signal, the compressed signal being sent over said transmitting network (4).

61. (Previously Presented) A communication system according to claim 60, further comprising a second interface establishing device (50) connecting to said transmitting network (4); wherein

said second interface establishing device (50) comprises a decompressing means (50a) for decompressing said use signal (US) received via said transmitting network (4), and said tone generation means (50c).

62. (Previously Presented) A communication system according to claim 61, wherein further comprising

as second communication device (7)l and

a second network control device (60); wherein

said second interface establishing device (50) is adapted to combine said use signal (US) and said tone signal (TS)l; and

said network control device (60) is adapted to receive said combined signal and to send it to said second communication device (7).

63. (Previously Presented) A communication system according to claim 60, wherein further comprising

a second interface establishing device (51) connected to said transmitting network (4); and

a second network control device (61;62); wherein said second interface established device (51;51) comprises

a decompressing means (51a; 52) for decompressing said use signal received via said transmitting network (4); and

a control transfer means receiving said control signal and sending said control signal to said second network control device (61; 62),

wherein said second interface establishing device (51; 52) is adapted to send said use signal (US) to said second network control device (61; 62).

64. (Previously Presented) A communication system according to claim 63, wherein further comprising

a second communication device (7); wherein

said second communication device (7); wherein

said second network control device (61) comprises said tone generation means (61a); and

said second network control device (61) is adapted to combine said use signal and said tone signal (TS) and to send the combined signal to said second communication device (7).

65. (Previously Presented) A communication system according to claim 63, wherein further comprising

a second communication device (72); wherein

said second network control device (62) is adapted to send said control signal (CS) and said use signal (US) separately to said second communication device (72).

66. (Previously Presented) A communication system according to claims 65, wherein said second communication device (72) comprises said tone generation means (72a).

67. (Previously Presented) A communication system according to claim 59, wherein said tone signal generated in response to said control signal (TS) is a DTMF signal.

68. (Previously Presented) A communication system according to claim 59, wherein said first communication means (1) is adapted to generate said control signal in response to an operation of a key.

69. (Previously Presented) A communication system according to claim 59, wherein said transmitting network (4) is an IP based network.

70. (Previously Presented) A communication system according to claim 59, wherein said first communication device (1) is a mobile phone.

71. (Previously Presented) A communication system according to claim 59, wherein said first communication device (1) is a fixed phone.

72. (Previously Presented) A communication system according to claim 59, wherein said second communication device (7; 72) is a mobile phone.

73. (Previously Presented) A communication system according to claim 59, wherein said second communication device (7; 72) is a fixed phone.

74. (Previously Presented) A communication system according to claim 59, wherein said network control device (21) and said first interface establishing means (31) are constructed as one unit.

75. (Previously Presented) A communication system according to claim 59, wherein said first network control device (20) and said first interface establishing means (30) are constructed as separate units.

76. (Previously Presented) A communication system according to claim 59, wherein said second network control device (50;51) and said first interface establishing means (60; 61; 62) are constructed as one unit.

77. (Previously Presented) A communication system according to claim 59, wherein said first network control device (50; 51) and said first interface establishing means (60; 61; 62) are constructed as separate units.

78. (Previously Presented) A communication system according to claim 59, further comprising a network communication device (73) connectable directly to said transmitting network (4) such that said control signal (CS) and said use signal (USC) is transmitted from said first interface establishing device (30) to said network communication device (73).

79. (Previously Presented) A communication system according to claim 78, wherein said transmitting network (4) is an IP based network and said network communication device (73) is an IP phone.

80. (Currently Amended) A communication method for a communication system comprising a first communication device (1), a first network control device (20) for controlling a first network to which said first communication device (1) is connected and a first interface establishing device (30) connected between said first network control device (20) and a transmitting network (4); said method being wherein comprising the steps of

sending (S1) a use signal (US) and a control signal (CS) from said first communication device (1) to said first network control device (20) separately; ~~wherein said control signal (CS) represents a tone signal;~~

sending (S2) said use signal (US) and said control signal (CS) from said first network control device (20) to said first interface establishing device (30) separately;

receiving said control signal (CS) from said first network control device (20) and sending (S3) said control signal (CS) over said transmitting network (4); and

receiving said control signal after transmission through said transmitting network (4) by a tone generation means (50c; 61a; 72a) provided on the far-end side of the network;

and generating (S6) said a tone signal in response to said control signal (CS).

81. (Previously Presented) A method according to claim 80, wherein further comprising the step (S4) of compressing said use signal (US), the compressed signal (USC) being sent over said transmitting network (4).

82. (Previously Presented) A method according to claim 81, wherein further comprising the steps of receiving (S5) said compressed use signal (USC) and said control signal (CS) in a communication system on a far-end side of said transmitting network (4).

83. (Previously Presented) A method according to claim 80, wherein said step of generation (S6) said tone signal is performed in a second interface establishing means (50).

84. (Previously Presented) A method according to claim 80, wherein said step of generating (S6) said tone signal (TS) is performed in a second network control device (61).

85. (Previously Presented) A method according to claim 84, wherein said step of generating (S6) said tone signal (TS) is performed in a second communication device (72).

86. (New) An interface establishing device for providing a connection over a transmitting network, wherein a communication device is connectable to the interface establishing device, the interface establishing device comprising:

means for receiving a use signal and a control signal separately from said communication device, wherein said control signal is to be used to generate a tone signal at the far-end side of the transmitting network; and

means for sending the control signal and the use signal separately via said transmitting network.

87. (New) An interface establishing device according to claim 86, further comprising a compressing means for compressing said use signal, the compressed signal being sent over said transmitting network.

88. (New) An interface establishing device for providing a connection over a transmitting network, wherein a communication device is connectable to the interface establishing device, the interface establishing device comprising:

means for receiving a use signal and a control signal separately via the transmitting network;

means for generating said tone signal in response to said control signal; and

means for combining said tone signal and said use signal and sending the combined signal to said communication device.

89. (New) An interface establishing device according to claim 88, wherein the use signal is sent in compressed form via said transmitting network, the interface establishing device further comprising:

a decompressing means for decompressing said use signal received via said transmitting network.

90. (New) An interface establishing device for providing a connection over a transmitting network, wherein a communication device is connectable to the interface establishing device, the interface establishing device comprising:

means for receiving a use signal and a control signal separately via the transmitting network; and

means for sending said use signal and said control signal separately to said communication device, wherein said control signal is to be used to generate a tone signal.

91. (New) An interface establishing device according to claim 90, wherein the use signal is sent in compressed form via said transmitting network, the interface establishing device further comprising:

a decompressing means for decompressing said use signal received via said transmitting network.